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MODEL: 68-KEY MECHANICAL GAMING KEYBOARD (SOUND WAVE B-RAINBOW)

1. INTRODUCTION

Thank you for choosing the surmen 68-Key Mechanical Gaming Keyboard. This compact, wired keyboard is designed for gamers and typists seeking a responsive and durable input device. Featuring linear red switches, full anti-ghosting, and vibrant RGB backlighting, it offers a premium experience in a space-saving 65% layout. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new keyboard.



Image: The surmen 68-Key Mechanical Gaming Keyboard, showcasing its compact 65% layout and vibrant RGB LED backlighting.

Your browser does not support the video tag.

Video: An overview of the surmen 65% Mechanical Gaming Keyboard, highlighting its compact size and mechanical features.

2. PACKAGE CONTENTS

- 1 x surmen 68-Key Mechanical Gaming Keyboard
- 1 x USB-A to USB-C Cable
- 1 x Keycap Puller
- Additional Keycaps (for customization)



Extra keycaps for more choice

Image: The surmen keyboard shown with additional keycaps, offering customization options for users.

3. SETUP

1. **Unpack:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect:** Insert the USB-C end of the provided cable into the port on the keyboard. Connect the USB-A end to an available USB port on your computer (Laptop or PC).
3. **Automatic Recognition:** Your computer should automatically detect and install the necessary drivers for the keyboard. No additional software installation is typically required for basic functionality.
4. **Adjust Tilt:** Flip out the adjustable tilt legs located on the underside of the keyboard to achieve your preferred typing angle.



Image: A close-up view of the keyboard's underside, showing the adjustable tilt legs that allow for ergonomic positioning.

4. OPERATING INSTRUCTIONS

4.1 Key Layout and Switches

The surmen 68-Key Mechanical Gaming Keyboard features a 65% compact layout, which means it omits the number pad and some less frequently used keys to save desk space. It is equipped with responsive linear red mechanical switches.

Fn+P=Light On/Off



Image: A detailed view of a linear red mechanical switch, highlighting its quiet and smooth operation.

4.2 Function Key (Fn) Combinations

To access secondary functions printed on the keycaps, press and hold the **Fn** key, then press the desired function key.

- **Fn + P:** Toggle Backlight On/Off.
- **Fn + Alt:** Cycle through various Backlight Modes.
- **Fn + Esc:** Restore default keyboard settings.
- **Fn + W:** Swap WASD keys with Arrow Keys (useful for gaming).
- **Fn + F1-F12:** Access multimedia controls (e.g., volume, play/pause, stop, mute).



Image: A visual guide to common Fn key combinations for controlling backlight and other functions.



Image: Illustration of the Fn+W key combination, used to toggle between WASD and arrow key functionality for enhanced gaming control.

4.3 Backlight Customization

The keyboard features dynamic RGB backlighting with multiple effects. Use the **Fn + Alt** combination to cycle through different lighting modes and patterns. Adjust brightness and speed using other Fn combinations as indicated in the full user manual (not provided here).

Your browser does not support the video tag.

Video: Demonstrates the double-shot PBT keycaps and various rainbow LED lighting effects of the surmen keyboard.

4.4 Anti-Ghosting

All 68 keys on this keyboard feature full anti-ghosting, ensuring that every keystroke is registered accurately, even when multiple keys are pressed simultaneously. This is crucial for fast-paced gaming and efficient typing.

Type-C USB Cable



Image: A user's hands actively typing on the keyboard, illustrating the full anti-ghosting capability during gameplay.

4.5 PBT Keycaps

The keyboard is equipped with durable double-shot PBT keycaps. These keycaps are known for their resistance to wear and shine, ensuring legends remain clear and vibrant over extended use. The shine-through design allows the RGB backlighting to illuminate the characters effectively.

Full Anti-ghosting



Image: A comparison showing the PBT keycaps with their shine-through legends, contrasting with non-shine-through alternatives.

5. MAINTENANCE

- **Cleaning Keycaps:** Use the provided keycap puller to carefully remove keycaps. Clean them with a soft, damp cloth and mild soap, then dry thoroughly before reattaching.
- **Cleaning Switches:** Use compressed air to remove dust and debris from between the switches. For deeper cleaning, use a small brush.
- **General Care:** Avoid spilling liquids on the keyboard. Keep it away from extreme temperatures and direct sunlight.

6. TROUBLESHOOTING

Issue	Solution
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Issue	Solution
Keyboard not responding	Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port on your computer. Restart your computer.
Backlight not working	Press Fn + P to toggle the backlight. Press Fn + Alt to cycle through lighting modes. Ensure the keyboard is powered on.
Keys not registering or double-typing	Clean under the affected keycap using compressed air to remove any debris. If the issue persists, the switch may need replacement (contact support).
Keyboard feels unstable	Ensure the adjustable tilt legs are fully extended or retracted as desired and are stable on your desk surface.

7. SPECIFICATIONS

Feature	Detail
Brand	surmen
Model	68-Key Mechanical Gaming Keyboard
Connectivity Technology	USB-A Wired
Keyboard Description	Mechanical
Switch Type	Linear Red Switch
Keycaps	Double-shot PBT, Shine-through
Special Feature	Backlit (RGB), Portable, Full Anti-Ghosting
Compatible Devices	Laptop, PC (Windows 2000/Vista/Win7/Win8/Win16/MAC/Linux)
Item Weight	1.83 pounds
Package Dimensions	14.13 x 6.3 x 1.77 inches
Manufacturer	GTSP

8. WARRANTY AND SUPPORT

For warranty information, technical support, or any product-related inquiries, please refer to the contact information provided with your purchase or visit the official surmen website. Keep your purchase receipt for warranty claims.

Your browser does not support the video tag.

Video: A brief review highlighting the surmen keyboard as a great budget-friendly option.

